

FIG. 1

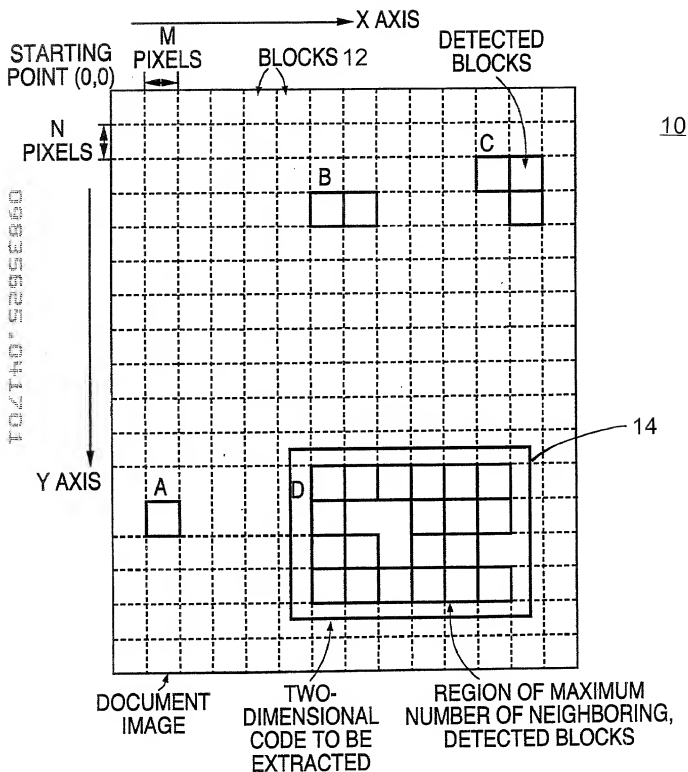


FIG. 2

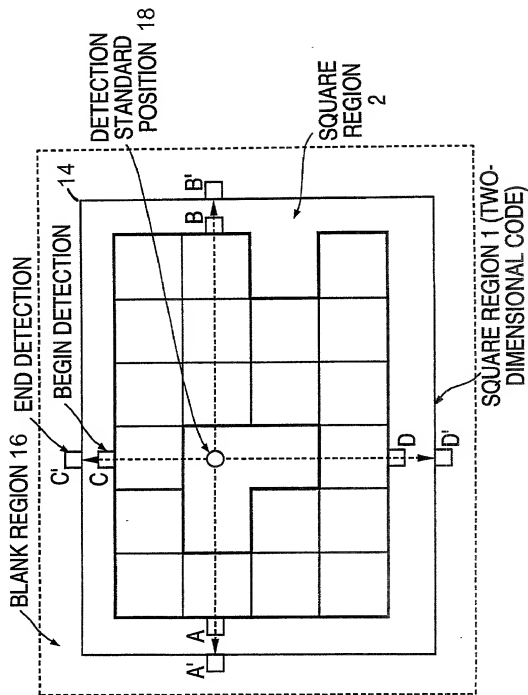


FIG. 3

100

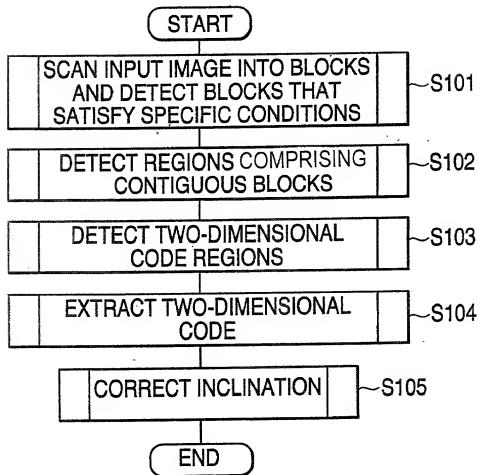
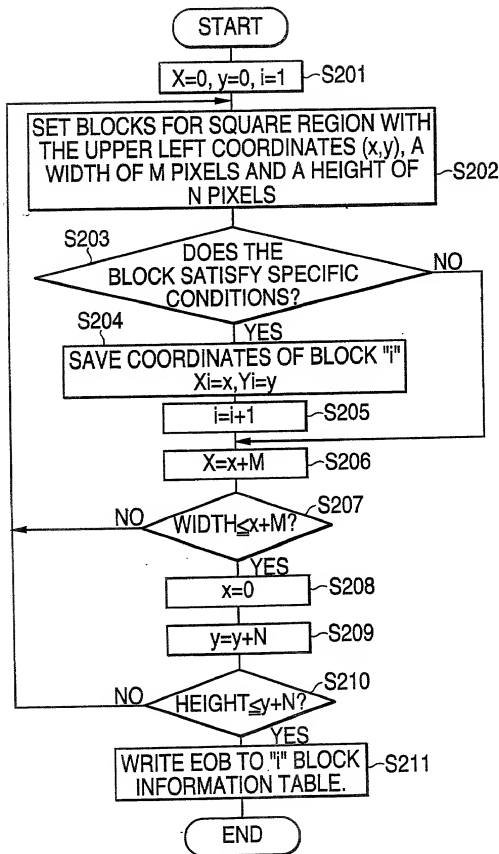


FIG. 4

BLOCK NUMBER	X COORDINATES	Y COORDINATES	CONNECTED BLOCK COUNT	REGION NUMBER
1	X ₁	Y ₁	C ₁	R ₁
2	X ₂	Y ₂	C ₂	R ₂
...
i	X _i	Y _i	C _i	R _i
...
n	X _n	Y _n	C _n	R _n
EOB	-	-	-	-

EOB: END OF BLOCK TABLE,
IDENTIFIERS SHOWING THE END OF THE TABLE

FIG. 5



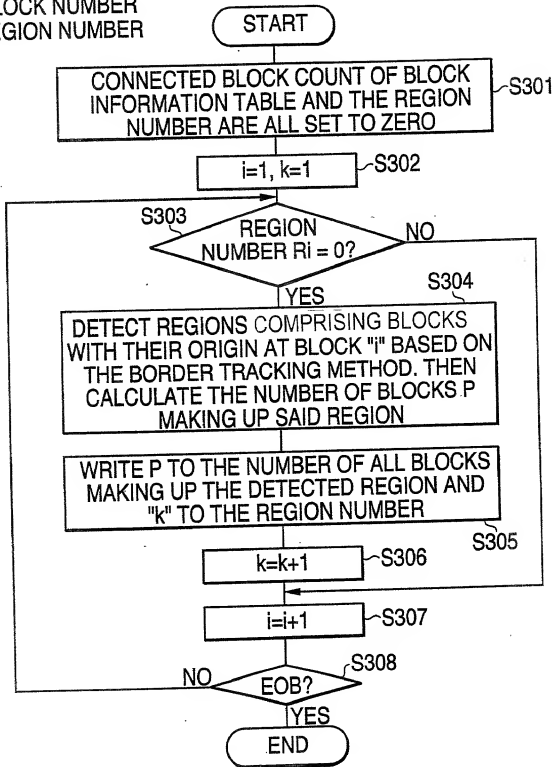
200

10/11/00 12:25:56

FIG. 6

300

"i" BLOCK NUMBER
"k" REGION NUMBER



REGION 1
~~REGIONS~~

Apr. 2 '01
K.S. T.N

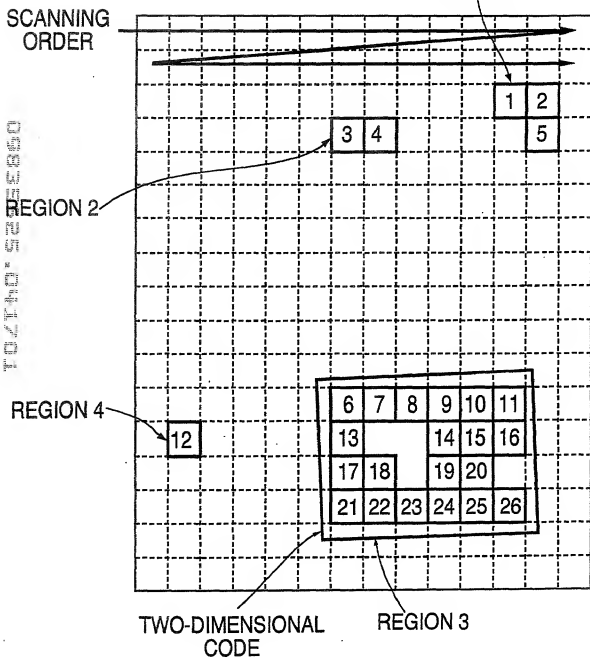


FIG. 8

BLOCK NUMBER	X COORDINATES	Y COORDINATES	CONNECTED BLOCK COUNT	REGION NUMBER
1	352	64	3	1
2	384	64	3	1
3	192	96	2	2
4	224	96	2	2
5	384	96	3	1
6	192	352	20	3
7	224	352	20	3
8	256	352	20	3
9	288	352	20	3
10	320	352	20	3
11	352	352	20	3
12	32	384	1	4
13	192	384	20	3
...
26	352	448	20	3
EOB	-	-	-	-

FIG. 9

400

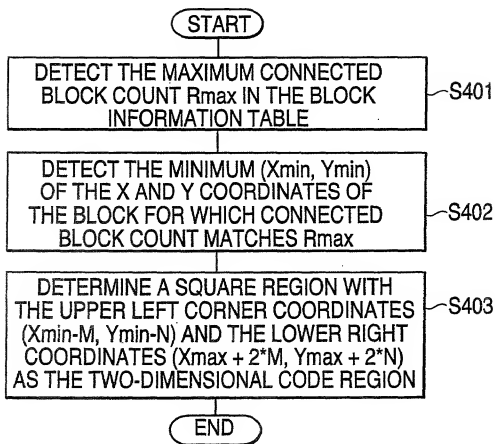


FIG. 10

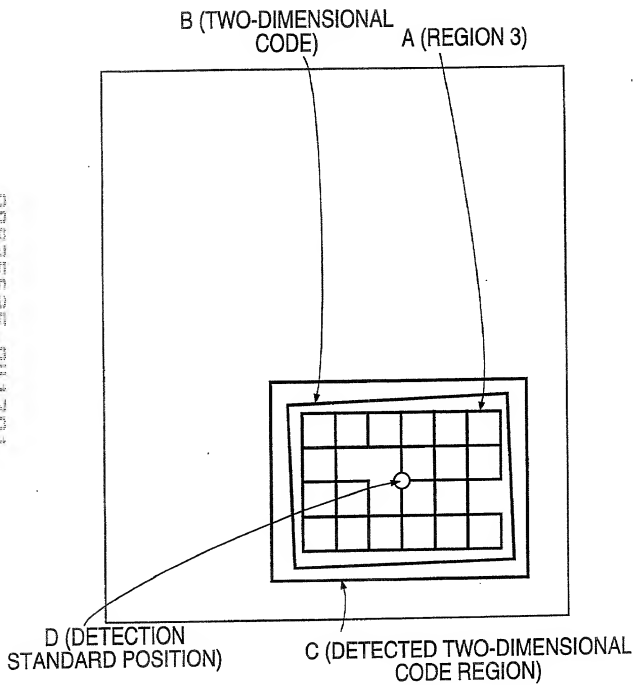


FIG. 11

500

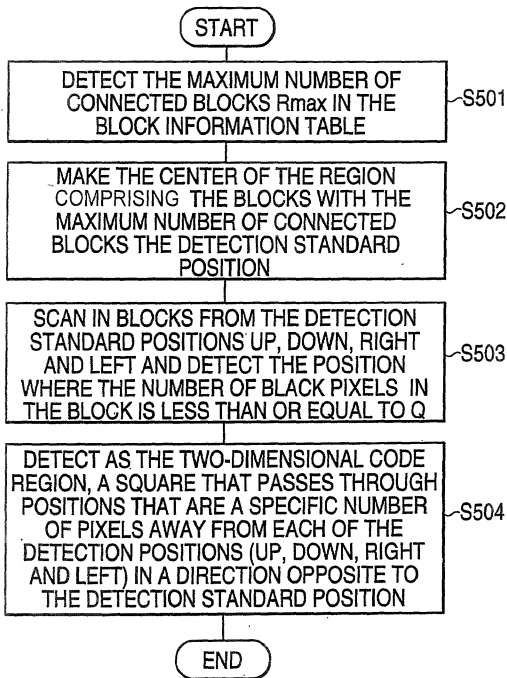


FIG. 12 (A)

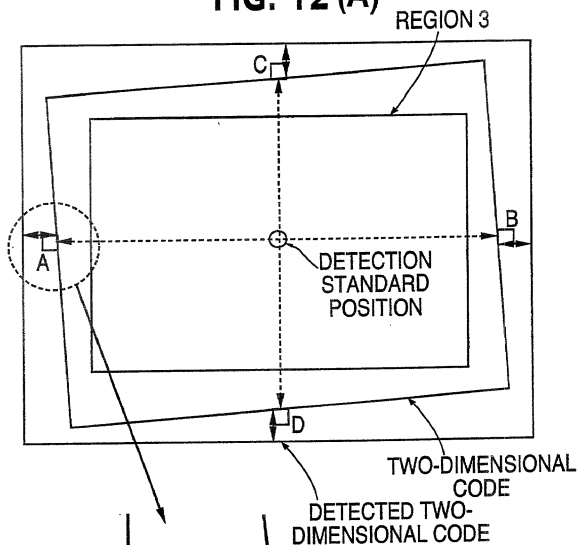


FIG. 12(B)

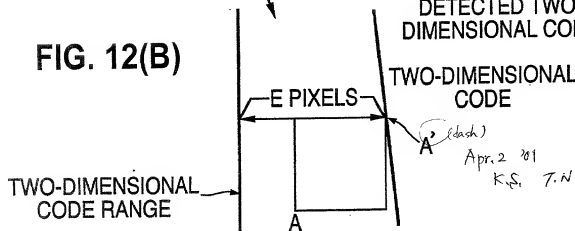
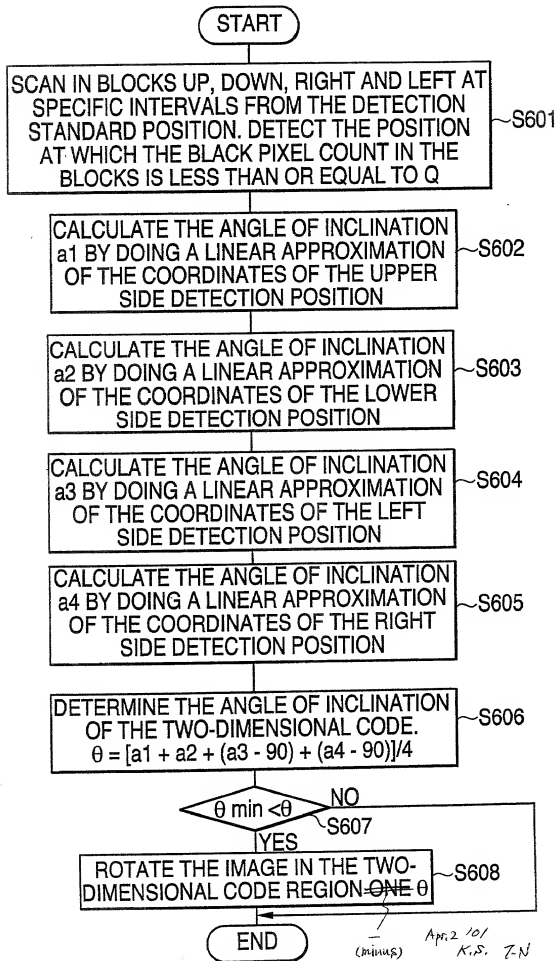


FIG. 13

600



0003665.041701

FIG. 14

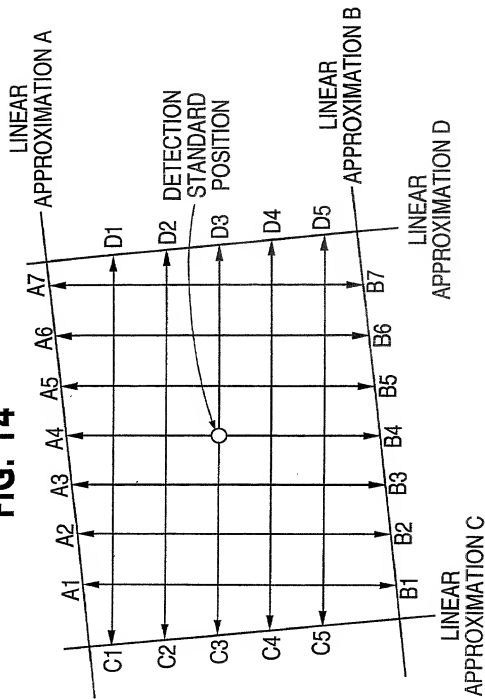
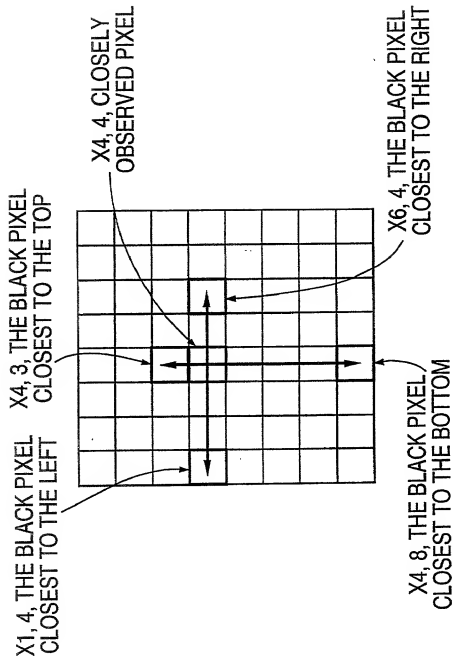


FIG. 15



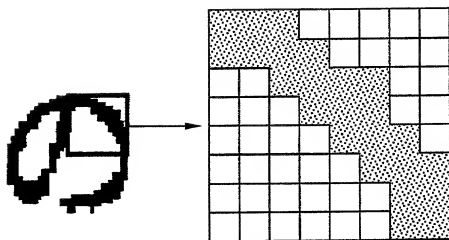


FIG. 16(A) BLACK PIXEL DISTRIBUTION WITHIN TEXT BLOCK

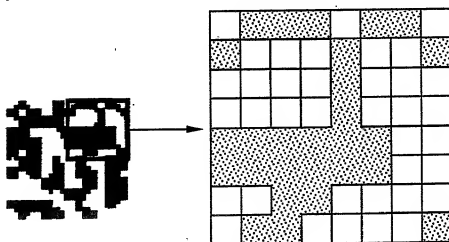


FIG. 16(B) BLACK PIXEL DISTRIBUTION WITHIN TWO-DIMENSIONAL CODE BLOCK

FIG. 17(A)

2	3	2					
2	2	4	2				
		2	4	3	2		
			2	4	3		
				2	4	2	
					2	4	2
						3	3
						2	2

$$\text{DAVG} = 63/24 = 2.6$$

AVERAGE BLACK PIXEL INTERVAL IN A TEXT BLOCK

	5	6	6		6	1	
8				8			9
				2			
				2			
5	6	6	6	4	6		
1	5	4	4	3	2		
		3	2				
	3	7					11

$$\text{DAVG} = 131/27 = 4.9$$

AVERAGE BLACK PIXEL INTERVAL IN A
TWO-DIMENSIONAL CODE BLOCK

FIG. 17(B)

FIG. 18

